

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BEAR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

620 NEWPORT CENTER DRIVE

SIXTEENTH FLOOR

NEWPORT BEACH, CALIFORNIA 92660-8016

(949) 760-0404

FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON**
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
LOWELL ANDERSON
ARTHUR S. ROSE†
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL†
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
ERNEST A. BEUTLER
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES**
STEVEN J. NATAPUSKY

PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK†
THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
RICHARD C. GILMORE
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART
JAMES T. HAGLER
DOUGLAS G. MUEHLHAUSER
LORI L. YAMATO
STEPHEN M. LOBBIN
ANN A. BYUN
ROBERT F. GAZDZINSKI
FRED C. HERNANDEZ
STACEY R. HALPERN†
MICHAEL K. FRIEDLAND
DALE C. HUNT
LEE W. HENDERSON

DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
KATHERINE W. WHITE
JOSEPH J. BASISTA
ERIC M. NELSON
ALEXANDER C. CHEN
MARK R. BENEDICT
PAUL N. CONOVER
JOHN P. MUSONE
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY
JOHN W. HOLCOMB
JAMES J. MULLEN, III
JOSEPH S. CIANFRANI
JOSEPH M. REISMAN
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN
DO TE KIM
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
GUY PERRY

OF COUNSEL
JERRY R. SEILER
JAPANESE PATENT ATTY
KATSUHIRO ARAI**
EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT
KOREAN PATENT ATTY
MINCHEOL KIM
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
RAYMOND J. SALENIEKS**
MICHAEL L. FULLER**
NEIL S. BARTFELD**
DANIEL E. JOHNSON**
JEFFERY KOEPKE
KHURRAM RAHMAN
JENNIFER A. HAYNES
BRENDAN P. O'NEILL
MARRINA Q. MEI
THOMAS Y. NAGATA
JOHN M. GROVER**
ALAN C. GORDON
PETER M. MIDDLEY
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHEILA N. SWAROOP

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : MPATENT.052A
Applicant(s) : Dean A. Klein
For : DATA SECURITY FOR DIGITAL DATA
STORAGE
Attorney : Thomas R. Arno
"Express Mail"
Mailing Label No. : EL327883271US
Date of Deposit : March 26, 1999

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 16 pages; 4 sheets of drawings; Return
Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
Assistant Commissioner for Patents, Washington, D.C. 20231.

John J. Riedel

S:\DOCS\TRA\TRA-2185.DOC
032699

275 BATTERY STREET
SUITE 1840
SAN FRANCISCO, CALIFORNIA 94111
(415) 954-4114
FAX (415) 954-4111

501 WEST BROADWAY
SUITE 1400
SAN DIEGO, CALIFORNIA 92101-3505
(619) 235-8550
FAX (619) 235-0176

3801 UNIVERSITY AVENUE
SUITE 710
RIVERSIDE, CALIFORNIA 92501
(909) 781-9231
FAX (909) 781-4507

* A PROFESSIONAL CORPORATION
† ALSO MEMBER OF D.C. BAR
** ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Dean A. Klein

For: DATA SECURITY FOR DIGITAL DATA STORAGE

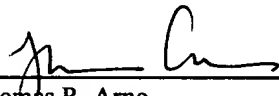
Enclosed are:

(X) Four (4) sheet(s) of drawings.

(X) Return prepaid postcard.

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$760	\$760
Total Claims	17 - 20 =	0 ×	\$18	\$0
Independent Claims	5 - 3 =	3 ×	\$78	\$234
If application contains any multiple dependent claims(s), then add			\$260	\$0
FILING FEE TO BE PAID AT A LATER DATE		\$994		


 Thomas R. Arno
 Registration No. 40,490
 Attorney of Record

S:\DOCS\TRA\TRA-2184.DOC
 032699